

Intel Corporation  
(949) 498-0601

Intel Legal Team

# Fax

RECEIVED  
CENTRAL FAX CENTER  
DEC 20 2004

Page 1 of 22  
Urgent  
Confidential

Date: December 20, 2004

To:  
Mail Stop Amendment

Fax:  
(703) 872-9306

Art Unit: 2437 2186

From:  
Libby H. Hope

Fax:  
(949) 498-0601

M/S:

**Subject:**

1. Application No.: 09/752,534, filed December 29, 2000, Inventor: Khare, et al.

**A CONFIRMATION COPY OF THIS DOCUMENT: WILL NOT BE SENT**

**I hereby certify that the below listed correspondence is being facsimile transmitted to the USPTO to: Mail Stop: Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on 20-Dec-04.**

Name: 

Date: 20 December 2004

**Included in this transmission:**

Fax Cover Sheet (1 page)  
Transmittal Form (1 page)  
Fee Transmittal (3 pages, submitted in duplicate)  
Amendment (13 pages)  
Petition For Extension of Time (1 page)

**Important Notice**

This information is intended to be for the use of the individual or entity named on this transmittal sheet. If you are not the intended recipient, be aware that any disclosure, copying, distribution, or use of the contents of this faxed information is prohibited. If you have received this facsimile in error, please notify the sender by telephone immediately so that arrangements can be made for the retrieval of the original document at no cost to you.

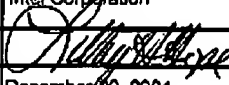
PTO/GB/21 (08-03)

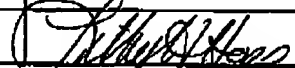
Approved for use through 08/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/752,534
	Filing Date	December 29, 2000
	First Named Inventor	Khare, et al
	Art Unit	2186
	Examiner Name	Patel, Hatul B.
Total Number of Pages in This Submission	Attorney Docket Number	2186

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Certificate of mail;
Remarks		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or individual name	Libby H. Hope, Reg. No. 46,774 Intel Corporation	
Signature		
Date	December 20, 2004	

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	Libby H. Hope
Signature	
Date	12/20/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**FEE TRANSMITTAL FOR FY 2005**

(FY 2005 Begins 10/01/2004. Fee changes made on 11/22/04 and 12/08/04 are included.)

**TOTAL AMOUNT OF PAYMENT (\$)** 120.00**Complete if Known:**

Application No. 09/752,534  
 Filing Date December 29, 2000  
 First Named Inventor Khare, et al.  
 Examiner Name Patel, Hetul B.  
 Art Unit 2186  
 Attorney Docket No. 42390P9878

Applicant claims small entity status. See 37 CFR 1.27.

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None  
☒ Deposit Account

Deposit Account Number : 50-0221

Deposit Account Name: \_\_\_\_\_

☒ The Director is Authorized to do the following with respect to the above-identified Deposit Account:☒ Charge fee(s) indicated below.☒ Credit any overpayments.☒ Charge any additional fees during the pendency of this application.☒ Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.☐ Charge fee(s) indicated below except for the filing fee**FEE CALCULATION****1A. BASIC FILING FEE/SEARCH FEE/EXAMINATION FEE**

Large Entity		Small Entity		Fee Description		Fee Paid
Code	Fee (\$)	Code	Fee (\$)			
1011	300	2011	150	Utility application filing fee	1,000/500*	_____
1111	500	2111	250	Utility search fee		_____
1311	200	2311	100	Utility examination fee		_____
1012	200	2012	100	Design application filing fee	430/215*	_____
1112	100	2112	50	Design search fee		_____
1312	130	2312	65	Design examination fee		_____
1013	200	2013	100	Plant filing fee	660/330*	_____
1113	300	2113	150	Plant search fee		_____
1313	160	2313	80	Plant examination fee		_____
1004	300	2004	150	Reissue filing fee	1,400/700*	_____
1114	500	2114	250	Reissue search fee		_____
1314	600	2314	300	Reissue examination fee		_____
1005	200	2005	100	Provisional application filing fee		_____
SUBTOTAL (1) \$						_____

\* List the filing, search, and examination fees separately, but pay concurrently.

Docket No.: 42390P9878

Application No.: 09/752,534

**1B. APPLICATION SIZE FEE**

		<u>Extra Sheets</u>		<u>Fee from</u>	<u>Fee paid</u>
				<u>below</u>	
Total Sheets	_____ - 100 =	_____ / 50 =	_____ * X	_____	_____
		*(round up to integer)			
<u>Large Entity</u>		<u>Small Entity</u>			
Fee	Fee	Fee	Fee		
Code	(\$)	Code	(\$)		
1081	250	2081	125		
				<u>Fee Description</u>	
				Utility application size fee for each additional group of 50 sheets beyond initial 100 sheets (count spec & drawings except sequences & program listings)	
1082	250	2082	125	Design application size fee for each additional group of 50 sheets beyond initial 100 sheets (count spec & drawings except sequences & program listings)	
1083	250	2083	125	Plant application size fee for each additional group of 50 sheets beyond initial 100 sheets (count spec & drawings except sequences & program listings)	
1084	250	2084	125	Reissue application fee for each additional group of 50 sheets beyond initial 100 sheets (count spec & drawings except sequences & program listings)	
				SUBTOTAL (2) \$ _____	

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

		<u>Extra Claims</u>		<u>Fee from</u>	<u>Fee Paid</u>
				<u>below</u>	
Total Claims	_____ - 20** =	_____	X	_____	_____
Independent Claims	_____ - 3** =	_____	X	_____	_____
Multiple Dependent				_____	_____
**Or number previously paid, if greater; For Reissues, see below.					
<u>Large Entity</u>		<u>Small Entity</u>			
Code	(\$)	Code	(\$)	Fee	Fee
1202	50	2202	25	<u>Fee Description</u>	
1201	200	2201	100	Claims in excess of 20	
1203	360	2203	180	Independent claims in excess of 3	
1204	200	2204	100	Multiple dependent claim, if not paid	
1205	50	2205	25	**Reissue independent claims over original patent	
				**Reissue claims in excess of 20 and over original patent	
				SUBTOTAL (3) \$ _____	

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Code</u>	<u>Fee (\$)</u>	<u>Code</u>	<u>Fee (\$)</u>		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1813	8,800	1813	8,800	Request for inter partes reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	120	2251	60	Extension for reply within first month	120.00
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	500	2452	250	Petition to revive - unavoidable	
1453	1,500	2453	750	Petition to revive - unintentional	
1501	1,400	2501	700	Utility issue fee (or reissue)	
1502	800	2502	400	Design issue fee	
1503	1100	2503	550	Plant issue fee	
1464	130	1460	130	Petitions to the Commissioner (CFR 1.17(h) Group III)	
1463	200	1460	200	Petitions to the Commissioner (CFR 1.17(g) Group II)	
1462	400	1460	400	Petitions to the Commissioner (CFR 1.17(f) Group I)	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	For filing a submission after final rejection (see 37 CFR 1.129(a))	
1814	130	2814	65	Statutory Disclaimer	
1810	790	2810	395	For each additional invention to be examined (see 37 CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
1504	300	1504	300	Publication fee for early, voluntary, or normal pub.	
1505	300	1505	300	Publication fee for republication	
1803	130	1803	130	Request for voluntary publication or republication	
1808	130	1808	130	Processing fee under 37 CFR 1.17(i) (except provisionals)	
1454	1,370	1454	1,370	Acceptance of unintentionally delayed claim for priority	
Other fee (specify) _____					
Other fee (specify) _____					
<b>SUBTOTAL (4)</b>					<b>\$120.00</b>

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**

Typed or Printed Name: Libby H. Hope

Signature: 

Reg. Number: 46,774

Date: December 20, 2004

Telephone Number: (949) 498-0601

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450

Docket No.: 42390P9878

- 3 -

**FEE TRANSMITTAL FOR FY 2005**

(FY 2005 Begins 10/01/2004. Fee changes made on 11/22/04 and 12/08/04 are included.)

**TOTAL AMOUNT OF PAYMENT (\$) 120.00****Complete if Known:**Application No. 09/752,534Filing Date December 29, 2000First Named Inventor Khare, et al.Examiner Name Patel, Hetul B.Art Unit 2186Attorney Docket No. 42390P9878

Applicant claims small entity status. See 37 CFR 1.27.

**METHOD OF PAYMENT (check all that apply)**
☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None  
☒ Deposit Account
Deposit Account Number: 50-0221

Deposit Account Name: \_\_\_\_\_

☒ The Director is Authorized to do the following with respect to the above-identified Deposit Account:☒ Charge fee(s) indicated below.☒ Credit any overpayments.☒ Charge any additional fees during the pendency of this application.☒ Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.☐ Charge fee(s) indicated below except for the filing fee**FEE CALCULATION****1A. BASIC FILING FEE/SEARCH FEE/EXAMINATION FEE**

Large Entity		Small Entity		Fee Description		Fee Paid
Code	Fee (\$)	Code	Fee (\$)			
1011	300	2011	150	Utility application filing fee	1,000/500*	_____
1111	500	2111	250	Utility search fee		_____
1311	200	2311	100	Utility examination fee		_____
1012	200	2012	100	Design application filing fee	430/215*	_____
1112	100	2112	50	Design search fee		_____
1312	130	2312	65	Design examination fee		_____
1013	200	2013	100	Plant filing fee	660/330*	_____
1113	300	2113	150	Plant search fee		_____
1313	160	2313	80	Plant examination fee		_____
1004	300	2004	150	Reissue filing fee	1,400/700*	_____
1114	500	2114	250	Reissue search fee		_____
1314	600	2314	300	Reissue examination fee		_____
1005	200	2005	100	Provisional application filing fee		_____
SUBTOTAL (1) \$						_____

\* List the filing, search, and examination fees separately, but pay concurrently.

**1B. APPLICATION SIZE FEE**

		<u>Extra Sheets</u>		<u>Fee from</u>	<u>Fee paid</u>
				<u>below</u>	
Total Sheets	_____ - 100 =	_____ / 50 =	_____ * X	_____	_____
		*(round up to Integer)			
<u>Large Entity</u>		<u>Small Entity</u>			
Fee	Fee	Fee	Fee		
Code	(\$)	Code	(\$)		
1081	250	2081	125		
				<u>Fee Description</u>	
				Utility application size fee for each additional group of 50 sheets beyond initial 100 sheets (count spec & drawings except sequences & program listings)	
1082	250	2082	125	Design application size fee for each additional group of 50 sheets beyond initial 100 sheets (count spec & drawings except sequences & program listings)	
1083	250	2083	125	Plant application size fee for each additional group of 50 sheets beyond initial 100 sheets (count spec & drawings except sequences & program listings)	
1084	250	2084	125	Reissue application fee for each additional group of 50 sheets beyond initial 100 sheets (count spec & drawings except sequences & program listings)	
				SUBTOTAL (2) \$ _____	

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

		<u>Extra Claims</u>		<u>Fee from</u>	<u>Fee Paid</u>
				<u>below</u>	
Total Claims	_____ - 20** =	_____	X	_____ =	_____
Independent Claims	_____ - 3** =	_____	X	_____ =	_____
Multiple Dependent				_____ =	_____
**Or number previously paid, if greater; For Reissues, see below.					
<u>Large Entity</u>		<u>Small Entity</u>			
Code	(\$)	Code	(\$)		
1202	50	2202	25	<u>Fee Description</u>	
1201	200	2201	100	Claims in excess of 20	
1203	360	2203	180	Independent claims in excess of 3	
1204	200	2204	100	Multiple dependent claim, if not paid	
1205	50	2205	25	**Reissue independent claims over original patent	
				**Reissue claims in excess of 20 and over original patent	
				SUBTOTAL (3) \$ _____	

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Code</u>	<u>Fee (\$)</u>	<u>Code</u>	<u>Fee (\$)</u>		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1813	8,800	1813	8,800	Request for inter parties reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	120	2251	60	Extension for reply within first month	120.00
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	500	2452	250	Petition to revive - unavoidable	
1453	1,500	2453	750	Petition to revive - unintentional	
1501	1,400	2501	700	Utility issue fee (or reissue)	
1502	800	2502	400	Design issue fee	
1503	1100	2503	550	Plant issue fee	
1464	130	1460	130	Petitions to the Commissioner (CFR 1.17(h) Group III)	
1463	200	1460	200	Petitions to the Commissioner (CFR 1.17(g) Group II)	
1462	400	1460	400	Petitions to the Commissioner (CFR 1.17(f) Group I)	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	For filing a submission after final rejection (see 37 CFR 1.129(a))	
1814	130	2814	65	Statutory Disclaimer	
1810	790	2810	395	For each additional invention to be examined (see 37 CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
1504	300	1504	300	Publication fee for early, voluntary, or normal pub.	
1505	300	1505	300	Publication fee for republication	
1803	130	1803	130	Request for voluntary publication or republication	
1808	130	1808	130	Processing fee under 37 CFR 1.17(i) (except provisionals)	
1454	1,370	1454	1,370	Acceptance of unintentionally delayed claim for priority	
Other fee (specify) _____					
Other fee (specify) _____					
				<b>SUBTOTAL (4)</b>	<b>\$120.00</b>

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**

Typed or Printed Name: Libby H. Hope

Signature: 

Reg. Number: 46,774

Date: December 20, 2004

Telephone Number: (949) 498-0601

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

RECEIVED  
CENTRAL FAX CENTER  
DEC 20 2004

Our Docket No.: 42390P9878

Utility Patent Application

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Patent Application of:

Khare, et al.

Serial No.: 09/752,534

Examiner: Patel, Hetul B.

Assignee: Intel Corporation

Filed: December 29, 2000

Art Unit: 2186

For: A MECHANISM FOR EFFICIENTLY  
SUPPORTING THE FULL MESI (MODIFIED,  
EXCLUSIVE, SHARED, INVALID) PROTOCOL  
IN A CACHE COHERENT MULTI-NODE  
SHARED MEMORY SYSTEM

RESPONSE TO OFFICE ACTION

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that I am causing the above-referenced correspondence to be delivered to the USPTO via facsimile transmission to (703) 872-9306 and that this paper or fee has been addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: December 20, 2004

Name of Person Delivering Correspondence: Libby H. Hope

Signature

December 20, 2004  
Date

Docket No.: 42390P9878  
Application No.: 09/752,534

1

Utility Patent Application

**INTRODUCTORY COMMENTS**

Sir:

In response to the Office Action mailed August 18, 2004, Applicants respectfully request the Examiner to enter the following amendment and to consider the following Remarks.

**Amendments to the Claims** begin on page 3 of this paper.

**Remarks** begin on page 8 of this paper.